

L Number	Hits	Search Text	DB	Time stamp
-	114	382/257.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/15 12:35
-	186	382/258.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 17:00
-	17	("4460909"   "4544264"   "4625222"   "5091971"   "5128698"   "5235434"   "5270836"   "5282057"   "5287985"   "5321430"   "5359423"   "5483351"   "5539866"   "5555557"   "5689343"   "5742703"   "5754451").PN.	USPAT	2003/03/18 16:01
-	137	382/308.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 17:04
-	2184	358/1.9.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 17:04
-	33	358/1.9.ccls. and (382/308.ccls. or 382/258.ccls. or 382/257.ccls. or (382/254.ccls.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 17:08
-	97536	Xerox.as.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 17:08
-	2787	Xerox.as. and (382/\$.ccls. or 358/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 17:09
-	65	(Xerox.as. and (382/\$.ccls. or 358/\$.ccls.)) and (382/257.ccls. or 382/258.ccls. or 382/254.ccls. or 382/308.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 17:13
-	2	6313924.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 09:46
-	1	auxiliary near2 pixel near4 black near4 white	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 16:30
-	2	6181438.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 16:30
-	2	6181438.pn. and (replace or replacing or replaced or alter or change or altering or altered or changed or changing)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 16:39
-	2	6181438.pn. and (replace or replacing or replaced or alter or change or altering or altered or changed or changing or modify\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 16:51
-	0	6181438.pn. and (improved near2 image)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 16:51
-	0	6181438.pn. and (enhanc\$4 near2 image)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 16:52

-	1	6181438.pn. and (enhanc\$6 near2 image)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 16:52
-	1	6181438.pn. and (improv\$6 near2 image)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 16:52
-	1	6181438.pn. and ((improv\$6 or enhanc\$6) near2 image)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 17:26
-	0	6181438.pn. and (auxiliary)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/19 17:26
-	2	6181438.pn. and (pixel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 09:52
-	0	6181438.pn. and (interior)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 09:52
-	0	6181438.pn. and (exterior)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 09:53
-	1	6181438.pn. and (object or shape)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 09:53
-	1	6181438.pn. and (inside or outside)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 14:49
-	1	6181438.pn. and (adjacent or next or distant)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 11:29
-	0	6181438.pn. and (adjacent or equal\$2 or distant)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 09:56
-	2978	auxiliary and (382\$.ccls. or 358/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 11:31
-	69	((substitut\$4 or replac\$6 or alter\$4 or chang\$4 or insert\$) near2 auxiliary) and (auxiliary and (382\$.ccls. or 358/\$.ccls.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 11:45
-	1	6535618.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 11:48
-	139	embed\$4 near1 pixel	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 11:49
-	0	5555557.pn. and (inside or outside)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 14:49
-	0	5555557.pn. and (interior or exterior)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 15:20

-	1	5555557.pn. and (jag\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 15:37
-	0	5555557.pn. and (checker\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 15:37
-	0	5555557.pn. and (checker\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 15:37
-	0	5555557.pn. and (checker\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 15:37
-	0	5555557.pn. and (checkerboard)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 15:59
-	0	5555557.pn. and (electrostatic)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 15:59
-	2	5555557.pn. and (print\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 16:03
-	0	5555557.pn. and (electrophoto\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 16:04
-	1	5555557.pn. and (electrophoto\$8)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 16:10
-	2	5555557.pn. and (memory or space or storage or apparatus or ROM or RAM)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/20 16:10
-	912	toner near1 cloud	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/11 14:57
-	0	(toner near1 cloud) near11 jaggies!	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/11 14:57
-	0	(toner near1 cloud) and jaggies!	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/11 14:58
-	9	(toner near1 cloud) and artifact	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/11 14:58
-	7	4044718.URPN.	USPAT	2003/09/11 15:01
-	6	("Re31371"   "3972305"   "4035071"   "4044718"   "5023665"   "5622805").PN.	USPAT	2003/09/11 15:01
-	137992	((line near2 shrink\$4) or (halo) or (white near1 gap near1 artifact))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 09:56
-	0	((((line near2 shrink\$4) or (halo) or (white near1 gap near1 artifact))) and ((line near2 shrink\$4) and (halo) and (white near1 gap near1 artifact)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 09:10

-	0	((line near2 shrink\$4) and (halo) and (white near2 artifact))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/09/12 09:10
-	0	((edge or line) near2 shrink\$4) and (halo) and (white near2 artifact))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/09/12 09:11
-	25	((edge or line) near2 shrink\$4) and (halo) and (white near2 artifact)) or (slow near1 toner)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/09/12 09:23
-	2	4791679.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 09:28
-	2	5483351.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 09:28
-	2	5218350.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 09:28
-	91	halo near2 (defect or artifact)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 09:54
-	0	(halo near2 (defect or artifact)) and (auxiliary near2 pixel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 09:58
-	1	((line near2 shrink\$4) or (halo) or (white near1 gap near1 artifact))) and (auxiliary near2 pixel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 09:54
-	137992	((line near2 shrink\$4) or (halo) or (white near1 gap near1 (defect\$4 or artifact)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 09:57
-	138014	((line near2 shrink\$4) or (halo) or (white near1 (gap or hole or space)) near2 (defect\$4 or artifact))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 09:57
-	138022	((line near2 shrink\$4) or (halo) or (white near1 (gap or hole or space)) near4 (defect\$4 or artifact))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 09:58
-	138025	((line near2 shrink\$4) or (halo) or (white near1 (gap or hole or space)) near6 (defect\$4 or artifact))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:01
-	0	((line near2 shrink\$4) or (halo) or (white near1 (gap or hole or space)) near6 (defect\$4 or artifact)) same (auxiliary near2 pixel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 09:58
-	1	((line near2 shrink\$4) or (halo) or (white near1 (gap or hole or space)) near6 (defect\$4 or artifact))) and (auxiliary near2 pixel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 09:58
-	4	((line or edge or boundary) near2 (shrink\$4 or thinning or thin\$5)) and (white near2 (gap or hole or space)) near6 (defect\$4 or artifact))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:05

-	0	((line or edge or boundary) near6 (shrink\$4 or thinning or thinned)) and (toner near6 (blurring or blurr\$4 or cloud or cloudiness or cloudy)) and (white near6 (gap or hole or space)) same (defect\$4 or artifact))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:09
-	1	((line or edge or boundary) with (shrink\$4 or thinning or thinned)) and (toner with (blurring or blurr\$4 or cloud or cloudiness or cloudy)) and (white with (gap or hole or space)) same (defect\$4 or artifact))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:13
-	0	((line or edge or edges! or border or contour or outline or perimeter or boundary) with (shrink\$4 or thinning or thinned)) and ((toner or tonal or ink or tone) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) and ((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) same (defect\$4 or artifact)) same ((substitut\$4 or replace\$5 or auxiliary or alternate) near6 pixel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:19
-	0	((line or edge or edges! or border or contour or outline or perimeter or boundary) with (shrink\$4 or thinning or thinned)) and ((toner or tonal or ink or tone or powder) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) and ((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) same (defect\$4 or artifact)) same ((substitut\$4 or replace\$5 or auxiliary or alternate) near6 pixel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:21
-	0	((line or edge or edges! or border or contour or outline or perimeter or boundary) with (reduction or reduce or contraction or decreas\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) and ((toner or tonal or ink or tone or powder) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) and ((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) same (defect\$4 or artifact)) same ((substitut\$4 or replace\$5 or auxiliary or alternate) near6 pixel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:21
-	0	((line or edge or edges! or border or contour or outline or perimeter or boundary) with (reduction or reduce or contraction or decreas\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) and ((toner or tonal or ink or tone or powder) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) and ((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) same (defect\$4 or artifact or problem or error)) same ((substitut\$4 or replace\$5 or auxiliary or alternate) near6 pixel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:40
-	425354	((line or edge or edges! or border or contour or outline or perimeter or boundary) with (reduction or reduce or contraction or decreas\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:40
-	24034	((toner or tonal or ink or tone or powder) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:41

-	13062	((white or achromatic or colorless or pigment\$4) with (gap or hole or space))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:42
-	1153	(defect\$4 or artifact or problem or error) same ((substitut\$4 or replace\$5 or auxiliary or alternate) near6 pixel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:41
-	1	((line or edge or edges! or border or contour or outline or perimeter or boundary) with (reduction or reduce or contraction or decreas\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) ) and (((toner or tonal or ink or tone or powder) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) ) and (((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) ) and ((defect\$4 or artifact or problem or error) same ((substitut\$4 or replace\$5 or auxiliary or alternate) near6 pixel))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:26
-	24037	((toner or tonal or ink or tone or powder or tonality or tonal) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:26
-	1	((line or edge or edges! or border or contour or outline or perimeter or boundary) with (reduction or reduce or contraction or decreas\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) ) and (((toner or tonal or ink or tone or powder or tonality or tonal) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) ) and (((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) ) and ((defect\$4 or artifact or problem or error) same ((substitut\$4 or replace\$5 or auxiliary or alternate) near6 pixel))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:28
-	27420	((toner or halo or tonal or ink or tone or powder) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:29
-	1	((line or edge or edges! or border or contour or outline or perimeter or boundary) with (reduction or reduce or contraction or decreas\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) ) and (((toner or halo or tonal or ink or tone or powder) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) ) and (((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) ) and ((defect\$4 or artifact or problem or error) same ((substitut\$4 or replace\$5 or auxiliary or alternate) near6 pixel))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:29
-	159159	((line or edge or edges! or border or contour or outline or perimeter or boundary) with (reduction or reduce or contraction or decreas\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned))	USOCR	2003/09/12 10:30
-	4914	((toner or halo or tonal or ink or tone or powder) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy))	USOCR	2003/09/12 10:29
-	2296	((white or achromatic or colorless or pigment\$4) with (gap or hole or space))	USOCR	2003/09/12 10:29

-	0	(defect\$4 or artifact or problem or error) same ((substitut\$4 or replace\$5 or auxiliary or alternate) near6 pixel)	USOCR	2003/09/12 10:30
-	0	ocrL52 and ocrL53 and ocrL54	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:30
-	0	((line or edge or edges! or border or contour or outline or perimeter or boundary) with (reduction or reduce or contraction or decreas\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) and ((toner or tonal or ink or tone or powder) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) and ((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) same (defect\$4 or artifact or problem or error)) same ((substitut\$4 or replace\$5 or auxiliary or alternate) near6 pixel)	USOCR	2003/09/12 10:31
-	0	((line or edge or edges! or border or contour or outline or perimeter or boundary) with (reduction or reduce or contraction or decreas\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) and ((toner or tonal or ink or tone or powder) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) and ((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) same (defect\$4 or artifact or problem or error)) same ((substitut\$4 or replace\$5 or auxiliary or alternate) near6 pixel)	USOCR	2003/09/12 10:37
-	0	((line or edge or edges! or border or contour or outline or perimeter or boundary) with (reduction or reduce or contraction or decreas\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) and ((toner or tonal or ink or tone or powder) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) and ((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) same (defect\$4 or artifact or problem or error)) same ((substitut\$4 or replace\$5 or auxiliary or alternate) near6 (pixel or pel))	USOCR	2003/09/12 10:38
-	0	((line or edge or edges! or border or contour or outline or perimeter or boundary) with (reduction or reduce or contraction or decreas\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) and ((toner or tonal or ink or tone or powder) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) and ((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) same (defect\$4 or artifact or problem or error)) same ((substitut\$4 or replace\$5 or auxiliary or alternate) near6 (pixel or pel))	IBM_TDB	2003/09/12 10:38

-	0	((line or edge or edges! or border or contour or outline or perimeter or boundary) with (reduction or reduce or contraction or decrease\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) and ((toner or tonal or ink or tone or powder) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) and ((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) same (defect\$4 or artifact or problem or error)) same ((substitut\$4 or replace\$5 or auxiliary or alternate) near6 (pixel or pel))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:40
-	436780	((line or edge or edges! or border or contour or outline or perimeter or boundary) with (broaden\$4 or thicken\$4 or reduction or reduce or contraction or decrease\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:41
-	24037	((toner or tonal or ink or tone or powder or tonality or tonal) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:41
-	1169	(defect\$4 or artifact or problem or error) same ((substitut\$4 or replace\$5 or auxiliary or alternate) near6 (pixel or pel or pels!))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:08
-	471664	((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) ) or (((line or edge or edges! or border or contour or outline or perimeter or boundary) with (broaden\$4 or thicken\$4 or reduction or reduce or contraction or decrease\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) ) or (((toner or tonal or ink or tone or powder or tonality or tonal) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) ) or ((defect\$4 or artifact or problem or error) same ((substitut\$4 or replace\$5 or auxiliary or alternate) near6 (pixel or pel or pels!)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:42
-	1	((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) ) and (((line or edge or edges! or border or contour or outline or perimeter or boundary) with (broaden\$4 or thicken\$4 or reduction or reduce or contraction or decrease\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) ) and (((toner or tonal or ink or tone or powder or tonality or tonal) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) ) and ((defect\$4 or artifact or problem or error) same ((substitut\$4 or replace\$5 or auxiliary or alternate) near6 (pixel or pel or pels!)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:09
-	1282	(defect\$4 or artifact or problem or error) same ((substitut\$4 or replace\$5 or auxiliary or alternate or virtual or (non adj1 print\$4) or (nonprint\$4)) near6 (pixel or pel or pels!))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:44



-	1	((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) ) and (((line or edge or edges! or border or contour or outline or perimeter or boundary) with (broaden\$4 or thicken\$4 or reduction or reduce or contraction or decrease\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) ) and (((toner or tonal or ink or tone or powder or tonality or tonal) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) ) and ((defect\$4 or artifact or problem or error) same ((substitut\$4 or replace\$5 or auxiliary or alternate or virtual or (non adj1 print\$4) or (nonprint\$4)) near6 (pixel or pel or pels!)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 10:46
-	1190	((defect\$4 or artifact or problem or error) same ((substitut\$4 or replace\$5 or auxiliary or alternate or (non near1 print\$4) or (nonprint\$4) or (ultra near1 fine) or (ultra adj1 fine)) near6 (pixel or pel or pels!)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:11
-	1	((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) ) and (((line or edge or edges! or border or contour or outline or perimeter or boundary) with (broaden\$4 or thicken\$4 or reduction or reduce or contraction or decrease\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) ) and (((toner or tonal or ink or tone or powder or tonality or tonal) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) ) and ((defect\$4 or artifact or problem or error) same ((substitut\$4 or replace\$5 or auxiliary or alternate or (non near1 print\$4) or (nonprint\$4) or (ultra near1 fine) or (ultra adj1 fine)) near6 (pixel or pel or pels!)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:12
-	1364	((defect\$4 or artifact or problem or error) same ((substitut\$4 or replace\$5 or auxiliary or alternate or (non near1 print\$4) or (nonprint\$4) or (ultra near1 fine) or (ultra adj1 fine) or (below near3 threshold)) near6 (pixel or pel or pels!)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:13
-	1	((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) ) and (((line or edge or edges! or border or contour or outline or perimeter or boundary) with (broaden\$4 or thicken\$4 or reduction or reduce or contraction or decrease\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) ) and (((toner or tonal or ink or tone or powder or tonality or tonal) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) ) and ((defect\$4 or artifact or problem or error) same ((substitut\$4 or replace\$5 or auxiliary or alternate or (non near1 print\$4) or (nonprint\$4) or (ultra near1 fine) or (ultra adj1 fine) or (below near3 threshold)) near6 (pixel or pel or pels!)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:15

-	1364	(defect\$4 or artifact or problem or error) same ((substitut\$4 or replace\$5 or auxiliary or alternate or (non near1 print\$4) or (nonprint\$4) or (ultra near1 fine) or (ultra adj1 fine) or (((less near1 than) or below) near3 threshold)) near6 (pixel or pel or pels!))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:16
-	1	((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) ) and (((line or edge or edges! or border or contour or outline or perimeter or boundary) with (broaden\$4 or thicken\$4 or reduction or reduce or contraction or decreas\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) ) and (((toner or tonal or ink or tone or powder or tonality or tonal) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) ) and ((defect\$4 or artifact or problem or error) same ((substitut\$4 or replace\$5 or auxiliary or alternate or (non near1 print\$4) or (nonprint\$4) or (ultra near1 fine) or (ultra adj1 fine) or (((less near1 than) or below) near3 threshold)) near6 (pixel or pel or pels!)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:16
-	1523	(defect\$4 or artifact or problem or error) same ((substitut\$4 or replace\$5 or auxiliary or alternate or (non near1 print\$4) or (nonprint\$4) or (ultra near1 fine) or (ultra adj1 fine) or (((less near1 than) or below) near3 threshold) or bias\$4) near6 (pixel or pel or pels!))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:16
-	1	((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) ) and (((line or edge or edges! or border or contour or outline or perimeter or boundary) with (broaden\$4 or thicken\$4 or reduction or reduce or contraction or decreas\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) ) and (((toner or tonal or ink or tone or powder or tonality or tonal) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) ) and ((defect\$4 or artifact or problem or error) same ((substitut\$4 or replace\$5 or auxiliary or alternate or (non near1 print\$4) or (nonprint\$4) or (ultra near1 fine) or (ultra adj1 fine) or (((less near1 than) or below) near3 threshold) or bias\$4) near6 (pixel or pel or pels!)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:16
-	0	bias\$4 near5 (pixel or pels!) near5 photoreceptor near5 (non near1 print\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:17
-	2	bias\$4 near5 (pixel or pels!) near5 photoreceptor	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:18
-	27	(bias\$4 or auxiliary or non-print\$4 or nonprint\$4 or threshold\$4) with (pixel or pels!) with photoreceptor	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:19

-	459525	((line or edge or edges! or border or contour or outline or perimeter or boundary) with (reduction or reduce or contraction or decrease\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) ) or (((toner or tonal or ink or tone or powder) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) ) or (((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) )	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:19
-	459525	((line or edge or edges! or border or contour or outline or perimeter or boundary) with (reduction or reduce or contraction or decrease\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) ) or (((toner or tonal or ink or tone or powder) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) ) or (((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) )	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:19
-	0	((line or edge or edges! or border or contour or outline or perimeter or boundary) with (reduction or reduce or contraction or decrease\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) ) or (((toner or tonal or ink or tone or powder) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) ) or (((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) ) same79 ((bias\$4 or auxiliary or non-print\$4 or nonprint\$4 or threshold\$4) with (pixel or pels!) with photoreceptor)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:20
-	4	((line or edge or edges! or border or contour or outline or perimeter or boundary) with (reduction or reduce or contraction or decrease\$4 or deflat\$4 or compress\$4 or shrink\$4 or thinning or thinned)) ) or (((toner or tonal or ink or tone or powder) with (residue or blurring or blurr\$4 or cloud or cloudiness or cloudy)) ) or (((white or achromatic or colorless or pigment\$4) with (gap or hole or space)) ) and ((bias\$4 or auxiliary or non-print\$4 or nonprint\$4 or threshold\$4) with (pixel or pels!) with photoreceptor)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:34

-	99	("5774158" "6198886" "5596356" "5694161" "6246993" "5684933" "5809382" "5349377" "5740279" "5859955" "5225848" "5250963" "5581358" "5751470" "6052203" "6185003" "4768046" "4777500" "4903048" "4965590" "5194351" "5555557" "5572292" "5615021" "5867198" "5923356" "5959683" "6013403" "6031581" "6079815" "6111658" "6123417" "6154238" "6161921" "6166751" "6167214" "4496984" "4515462" "4583126" "4768061" "4839722" "4864326" "4920421" "4998119" "5177503" "5193011" "5204698" "5204699" "5221954" "5223906") .pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:34
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-	102	("5253082" "5266970" "5289564" "5321430" "5321433" "5321438" "5400062" "5453778" "5459556" "5461411" "5483351" "5483625" "5493324" "5493385" "5515479" "5519426" "5519815" "5563985" "5583629" "5592298" "5610633" "5630026" "5636032" "5652660" "5655177" "5729351" "5742317" "5751433" "5764862" "5777656" "5793406" "5805734" "5825939" "5838462" "5837408" "5841956" "5841458" "5860047" "5864127" "5887221" "5889544" "5894358" "5918085" "5933588" "5946523" "5946021" "5963767" "5987219" "5995124" "6005670") .pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:34
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-	101	("6003969" "6003967" "6023556" "6047142" "6055065" "6064761" "6081677" "6081340" "6118896" "6118463" "6121983" "6160970" "6160971" "6161919" "6167213" "6169861" "6173133" "6175698" "6184914" "6252679" "6271868" "6285463" "6295078" "6304340" "6309049" "6335751" "6336963" "6337707" "6341020" "6344870" "6366744" "6369911" "6426181" "6445404" "6445463" "6469805" "6519425" "5765076" "5943533" "6078776" "6081679" "6175697" "6192204" "6205311" "5191430" "5598198" "5648809" "5689780" "5726694" "5774774") .pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 11:34
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-	406	(("5774158" "6198886" "5596356" "5694161" "6246993" "5684933" "5809382" "5349377" "5740279" "5859955" "5225848" "5250963" "5581358" "5751470" "6052203" "6185003" "4768046" "4777500" "4903048" "4965590" "5194351" "5555557" "5572292" "5615021" "5867198" "5923356" "5959683" "6013403" "6031581" "6079815" "6111658" "6123417" "6154238" "6161921" "6166751" "6167214" "4496984" "4515462" "4583126" "4768061" "4839722" "4864326" "4920421" "4998119" "5177503" "5193011" "5204698" "5204699" "5221954" "5223906").pn.) or (("5253082" "5266970" "5289564" "5321430" "5321433" "5321438" "5400062" "5453778" "5459556" "5461411" "5483351" "5483625" "5493324" "5493385" "5515479" "5519426" "5519815" "5563985" "5583629" "5592298" "5610633" "5630026" "5636032" "5652660" "5655177" "5742317"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 13:18
Search History	9/15/2013 12:52 PM	Page 16		
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-	2	4847641.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 13:27
-	2459	358/1.9.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 14:28
-	124	4847641.URPN.	USPAT	2003/09/12 13:30
-	119	control\$4 near8 (toner near2 cloud)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 14:29
-	90	control\$4 near4 (toner near2 cloud)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 14:37
-	0	control\$4 near4 (toner near2 cloud) and ((substitut\$4 or replac\$4 or chang\$4 or insert\$4) near4 (pixel or pels! or pel))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 14:49
-	0	control\$4 near4 (toner near2 cloud) and ((substitut\$4 or replac\$4 or chang\$4 or insert\$4) near6 (pixel or pels! or pel))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 14:50
-	14	control\$4 near4 (toner near2 cloud) and (pixel or pels! or pel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 14:53
-	0	control\$4 near4 (toner near2 cloud) same (pixel or pels! or pel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 14:54
-	15	(toner near2 cloud) same (pixel or pels! or pel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 15:28
-	6	((toner near2 cloud) same (pixel or pels! or pel)) and electric near1 field	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 15:11
-	15	(toner near2 cloud) same (pixel or pels! or pel or pixelat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 15:34
-	538	control\$4 near6 (electric near2 field) near11 (pixel or pels! or pel or pixelat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 15:34
-	407	control\$4 near3 (electric near2 field) near11 (pixel or pels! or pel or pixelat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 15:35
-	327	control\$4 near3 (electric near2 field) near6 (pixel or pels! or pel or pixelat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 15:38
-	0	(control\$4 near3 (electric near2 field) near6 (pixel or pels! or pel or pixelat\$4)) and toner near1 cloud	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 15:35
-	24	(control\$4 near3 (electric near2 field) near6 (pixel or pels! or pel or pixelat\$4)) same (border or edges! or edge or boundary or outline or contour)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 15:36
-	0	control\$4 near3 (toner near1 cloud) near6 (pixel or pels! or pel or pixelat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 15:38

-	76	control\$4 near3 (toner) near6 (pixel or pels! or pel or pixelat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 15:38
-	53	control\$4 near3 (toner) near3 (pixel or pels! or pel or pixelat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 15:42
-	1	control\$4 near3 (toner near2 (cloud or mass)) near3 (pixel or pels! or pel or pixelat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 15:50
-	5045022	edges! or edge or boundary or contour or outline or border or line	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 15:44
-	1	(edges! or edge or boundary or contour or outline or border or line) and (control\$4 near3 (toner near2 (cloud or mass)) near3 (pixel or pels! or pel or pixelat\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 15:44
-	2	control\$4 near5 (toner near2 (cloud or mass)) near6 (pixel or pels! or pel or pixelat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 15:51
-	0	control\$4 near5 (toner near2 (cloud or mass or bubble or deposit or deposition)) near6 (pixel or pels! or pel or pixelat\$4) near6 (edges! or edge or boundary or contour or outline or border or line)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 15:53
-	1	control\$4 near5 (toner near2 (cloud or mass or bubble or deposit or deposition)) near6 (pixel or pels! or pel or pixelat\$4) with (edges! or edge or boundary or contour or outline or border or line)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/12 15:54